

REMARKS

Applicant respectfully requests reconsideration and allowance in view of the foregoing amendments and following remarks. Claims 1-8, 10-14, and 33 were pending of which claims 1 and 33 are independent claims. Claims 10-12 have been canceled herein. Claims 1-8, 13, 14, and 33 are now pending.

In the Advisory Action faxed January 31, 2005, the Examiner rejected the pending claims as being unpatentable over Chen et al. (US 5,440,740). Applicant's amended independent claims 1 and 33 to include additional claim limitations per the Examiner's comments in the Advisory Action. In particular, Applicant has amended claims 1 and 33 to include the limitations found on Fig. 3B of Applicant's drawing. Applicant has also amended dependent claims 13 and 14.

Applicant maintains that Chen and Morton fail to disclose or suggest a system for providing parallel processing of data to a plurality of DSPs as recited, having a load management system that includes a plurality of DMA devices, each having one or more registers, one or more FIFOs and a state machine associate with the one or more FIFOs, and a means for selecting two or more DSPs from a plurality of DSPs for processing communication data as required by independent claims 1 and 33.

Chen and Morton do not disclose or suggest parallel processing of communications data using two or more DSPs and the load management system as required by independent claims 1 and 33. Applicant's invention, as recited in claims 1 and 33, requires using two or more DSPs and the load management system working in parallel to process the communications data. Furthermore, Applicant has amended the claims such that the recitation "means for selecting two or more DSPs from a plurality of DSPs for processing the communication data" are now limitations in the independent claims.

Dependent claims 2-8 and 13-14 ultimately depend from independent claim 1. The allowability of dependent claims 2-8 and 13-14 thus follows from the allowability of independent claim 1; as such, dependent claims 2-8 and 13-14 are allowable over the art of record.

Conclusion

All rejections having been addressed, it is respectfully submitted that the present application is in a condition of allowance and a Notice to that effect is earnestly solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,
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REPLY TO CUSTOMER NO. 27498